

● PRINTER RUSH ●

(PTO ASSISTANCE)

13

Application : <u>08477983</u>	Examiner : <u>Saoud</u>	GAU : <u>1647</u>
From : <u>NPB</u>	Location : <u>IDC</u> FMF FDC	Date : <u>12/16/05</u>
Tracking # : <u>epm 08477983</u>		Week Date : <u>09/26/05</u>

#2

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS		<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM		<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input checked="" type="checkbox"/> DRW	<u>10/06/99</u>	
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input type="checkbox"/> SPEC		

ATTN : CHIEF DRAFTS PERSON OF THE OFFICE OF PATENT PUBLICATION

[RUSH] MESSAGE:

Drawing sheets dated 10/06/99 are illegible for capture.

Please provide replacement sheets.

Thankyou

[XRUSH] RESPONSE:

Draws corrected

INITIALS: WJL

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.
REV 10/04

FIG. 1

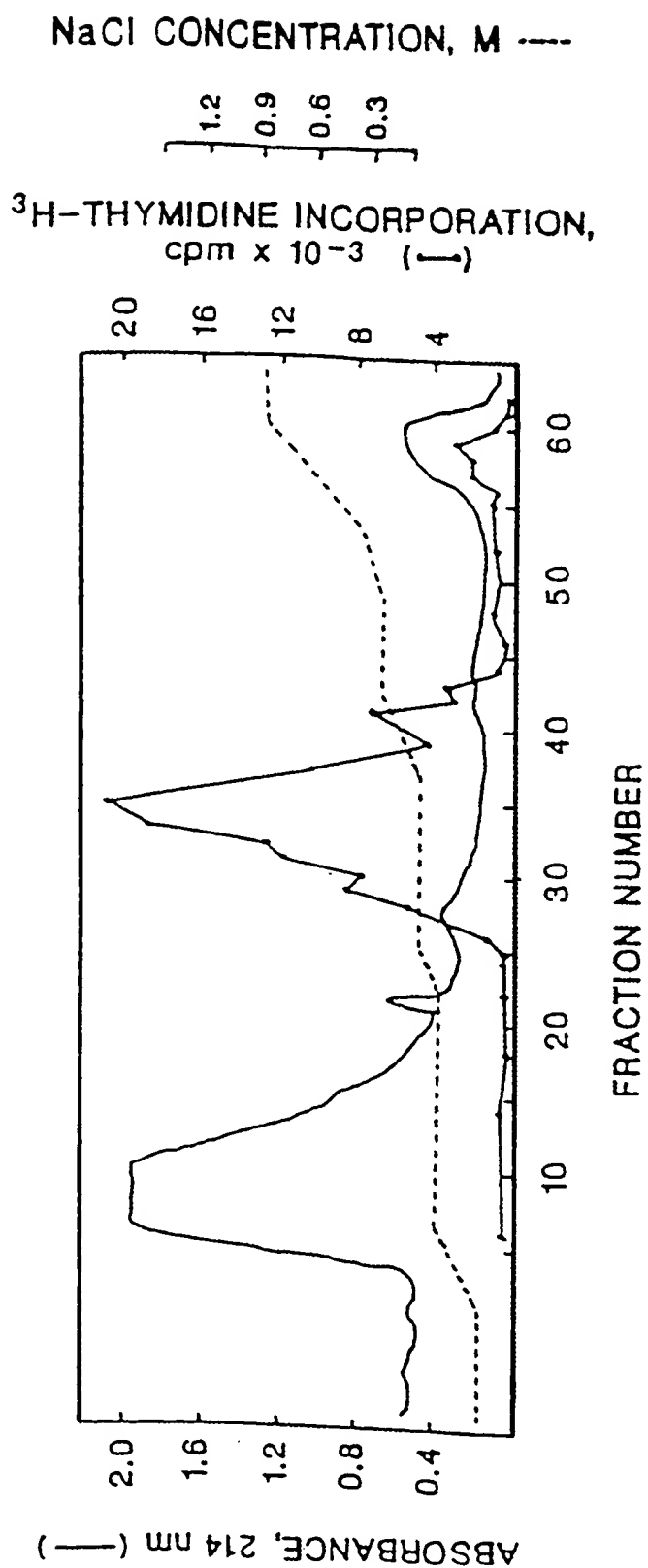


FIG. 2A

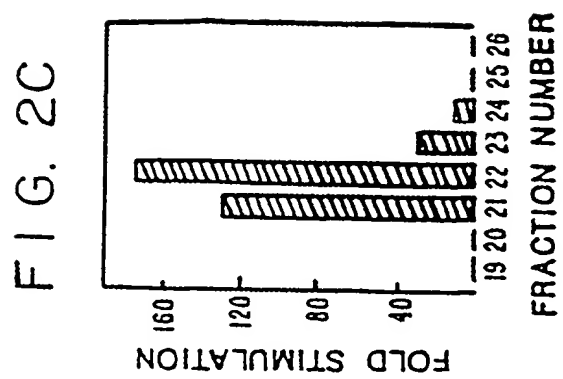
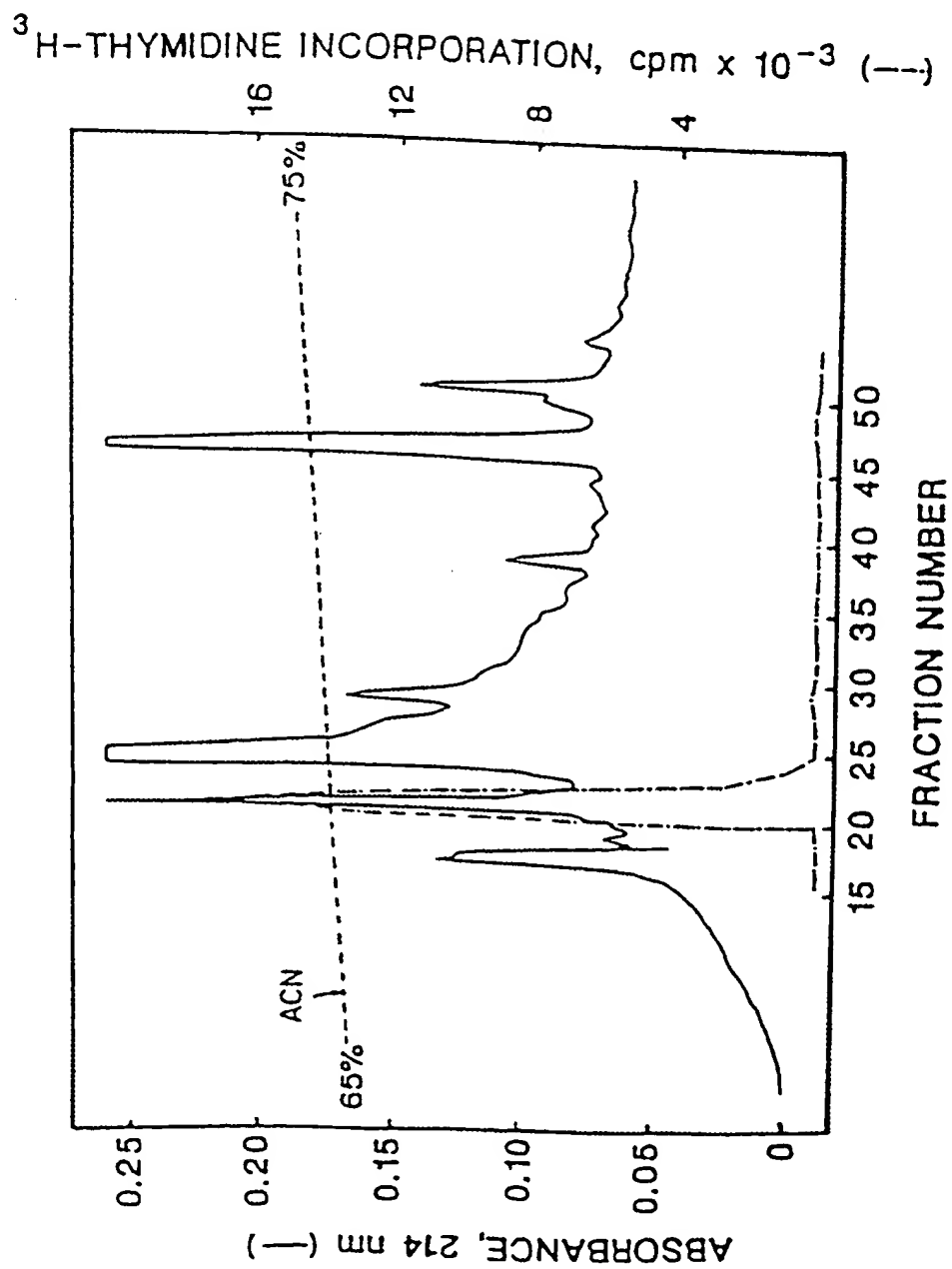


FIG. 2B

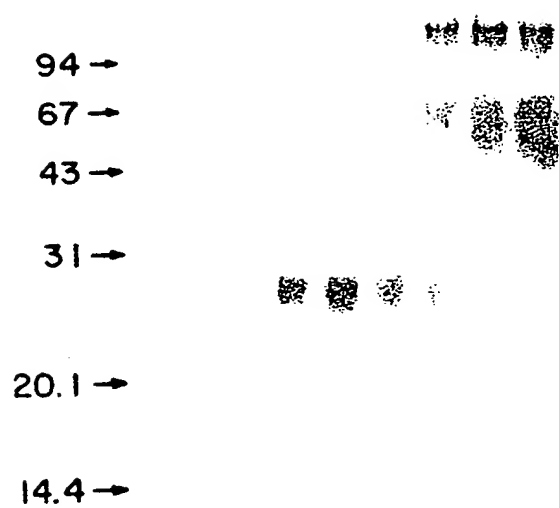


FIG. 3

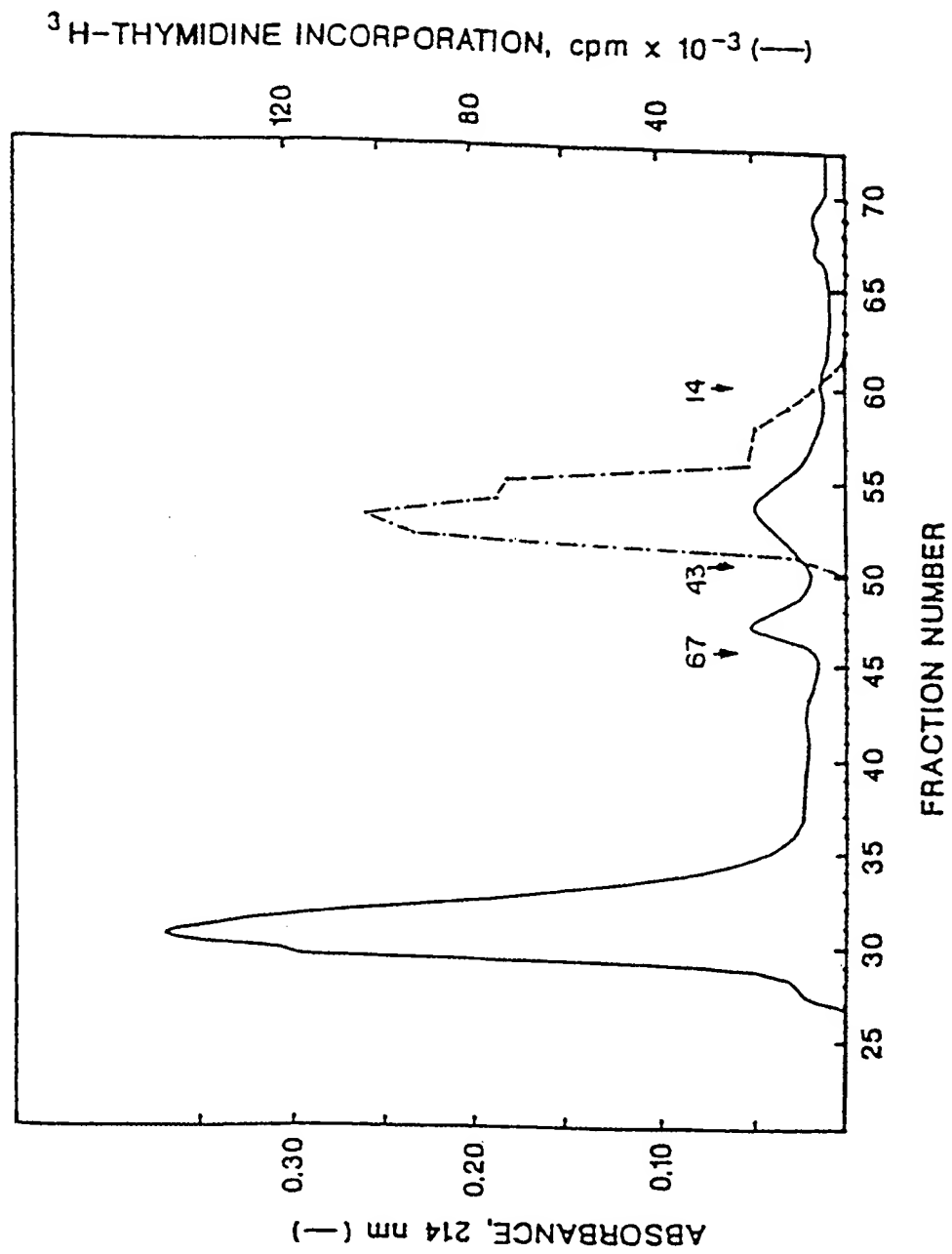


FIG. 4

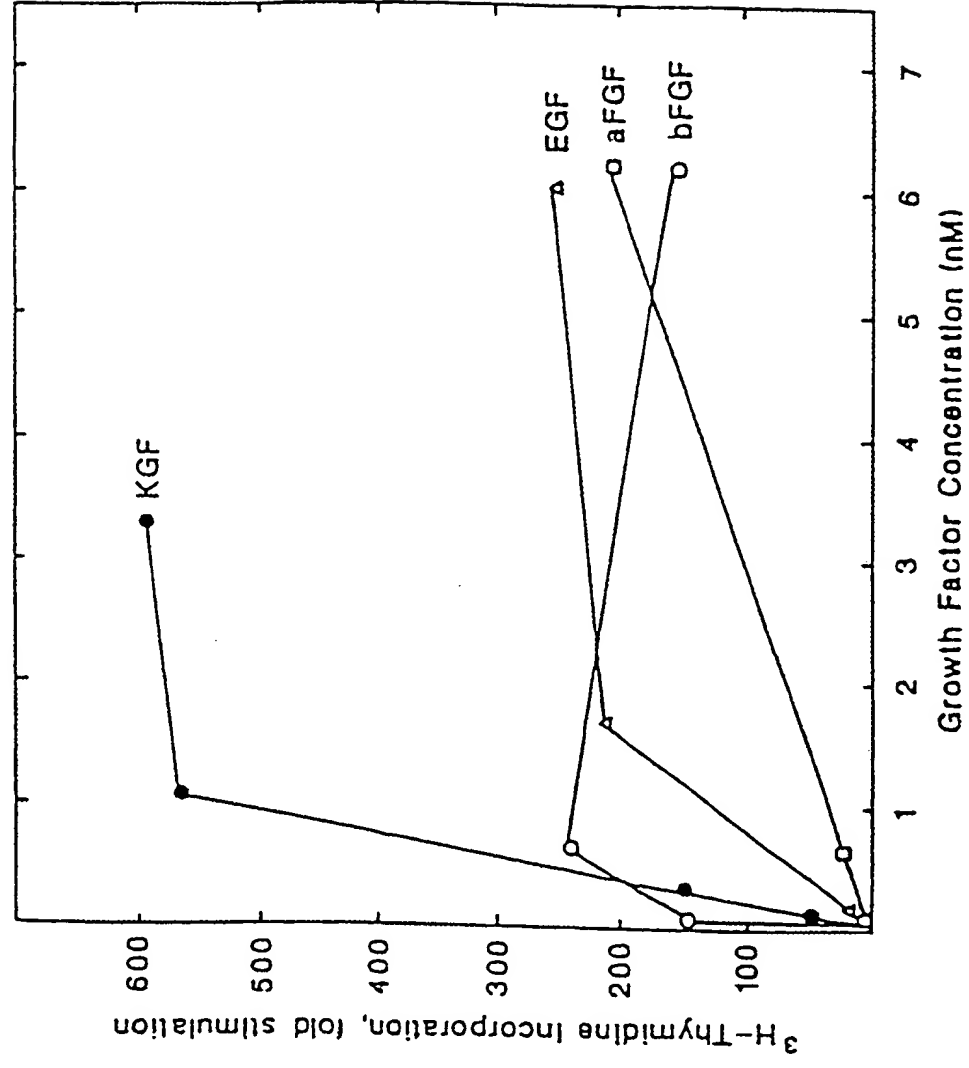


FIG. 5(a) FIG. 5(b) FIG. 5(c) FIG. 5(d)



FIG. 5(e) FIG. 5(f) FIG. 5(g) FIG. 5(h)

FIG. 6

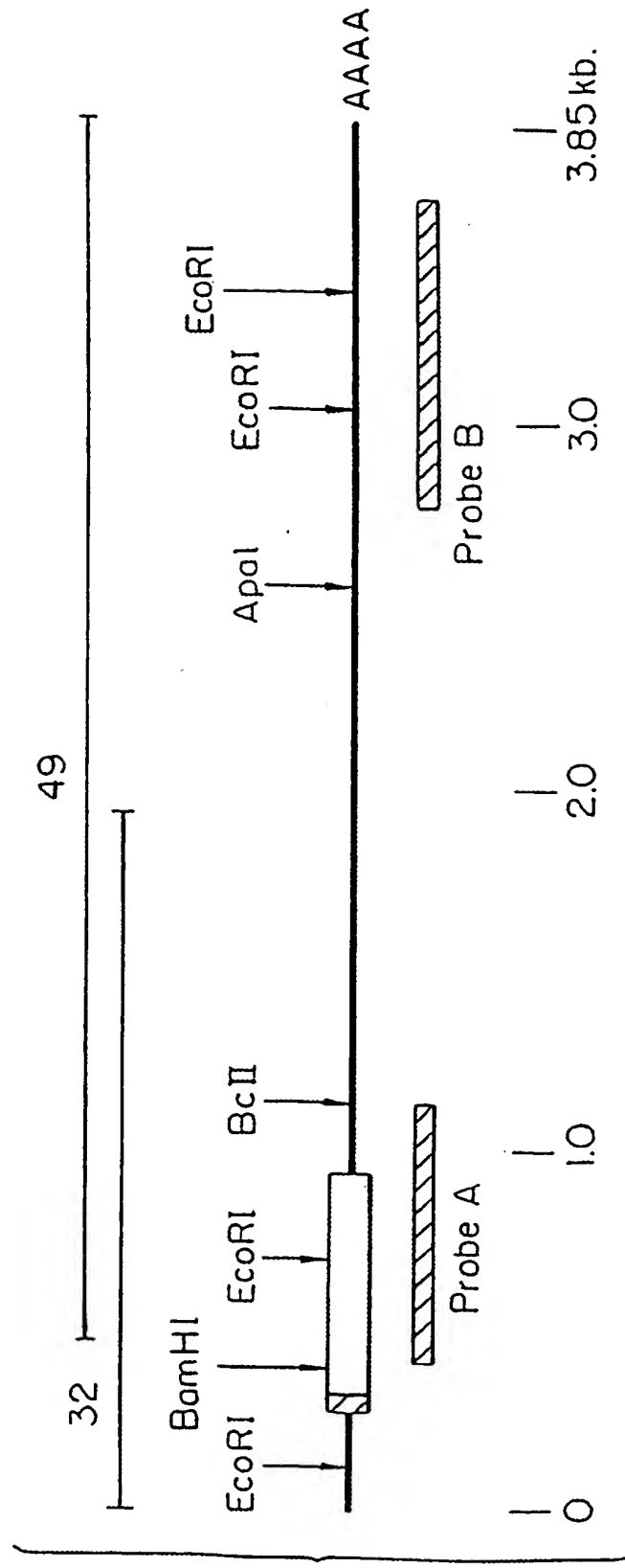


FIG. 7A

1 ACGCGCTCACACACAGAGAGAGAAAATCCTTCTGCCTGTTG
121 GCACCAGGCAGACAACAGACATGGAATTCTTATATATCC
241 TTATCAACAGAGTTATTTAAGGAGGAATCCTGTGTTGTT

361 AAGAGGTCAATGACCTAGGAGTAACAATCAACTCAAGAT

481 ²⁰
L L Y R S C F H I I C L V
TTTGCTCTACAGATCATGCTTTCACATTATCTGTCTAGT

601 ⁶⁰
T R S Y D Y M E G G D I R
CACAGAAGTTATGATTACATGGAAGGAGGGGATATAAG

721 ¹⁰⁰
N N Y N I M E I R T V A V
GAATAATTACAATATCATGGAAATCAGGACAGTGGCAGT

841 ¹⁴⁰
C N E D C N F K E L I L E
ATGCAATGAAGATTGTAACCTCAAAGAACTAATTCTGGA

961 ¹⁸⁰
P V R G K K T K K E Q K T
TCCTGTAAGAGGAAAAAAACGAAGAAAGAACAACAAAAAAC

1081 TGGACTGTTTTCTTTCTTCTCAAAATTTTCTTTCCTTTT
1201 ACGCTGCATTAAAGAAAGATTGAAAAGTATACACAAAA
1321 TAAATTAATTTACCTTAAGAGTATGTTAGATTTTGATTA
1441 GGTATATCAGACCTACAGGCTTCTGGCAGGATTTGTGTCAG
1561 AATCAGAAAAAAATTTCTCAAAAAAACTATTATGAAAGT
1681 TCAAGTGGAAAGGGTATTGCTAAAAGGATGTTTCCAAAA
1801 CCTCAAAGTAAAATTGAGAAATCTTTAAGTTTTTTTCAA
1921 TTCCTATGGTTACAGCATTAAACTCTATTTTAAGTTGTT
2041 TTTTAATTTTAAAGGAATAACAAAACCTGTCTGGCTCAAC
2161 ATAAGAGCCTGAAGCAATGCTTACAATAGATGTCTCACA
2281 ATATAAGTATTTACAGGATTTTAAAGTTAGAATATATTT
2401 TGTTCAAAAGGTGGCAGCACTGAAAGTTGTTTTCTGTT
2521 CCTACAGATAACAGGATTATTACAAGGATGAATTTCCAC
2641 GTATGCTAACCACCTGTGGTTTTAATTTCAAAATATTTGT
2761 CAATAGATTCAATTAATTTTCTGTGGTTGACCTATACG
2881 CACCTGATTCAAGGACTTTGCTAGCTAGGTTTTTGAGGTC
3001 GCAGACTATCTGTTTCAATCAGTTTTTCAGTGTGAATTC
3121 TTAAATAGAAATAGTGTATATACATATAAAATACAAGCT
3241 ATTTAGTGGTAAATCCATTCTGTTAGTATAAGTCACCT
3361 AAATTTGCTCTAGTTACACACCTTTAGAATTCTAGAAATA
3481 GCTGGGTAGATATACAGCTGTCACAAGAGTCTAGATCAG
3601 AGATATAGCCTTTACATTTGTACACAAATGTGACTATGT
3721 TCAATTCTGATTCTATTCACCTTTTTGTTTATGAATGGA
3841 TCTAACCAATTAGAAAAAAACAAAAAAACAAAAAAAC

FIG. 7B

7A	7C
ATTTATGGAAACAATTATGATTCTGCTGGAGAACTTTT	
AGCTGTTAGCAACAAAACAAAAGTCAAATAGCAAACAG	
ATCAGGAACTAAAAGGATAAGGCTAACAATTTGGAAAG	
TCATTTTTCATTATGTTATTTCATGAACACCCGGAGCACT	
	30
G T I S L A C N D M T P	
CGGTACTATATCTTTAGCTIGCAATGACATGACTCCAG	
	70
V R R L F C R T Q W Y L	
AGTGAGAAGACTCTTCTGTCTGAACACAGTGGTACCTGA	
	110
G I V A I K G V E S E F	
TGGAATTGTGGCAATCAAAGGGGTGGAAAGTGAATTCT	
	150
N H Y N T Y A S A K W T	
AAACCATTACAACACATATGCATCAGCTAAATGGACAC	
	190
A H F L P M A I T *	
AGCCCACTTTCTTCCTATGGCAATAACTTAATTGCATA	
ATTTTTTTAGTAATCAAGAAAGGCTGGAAAAACTACTGA	
ATCAGATTTAGTAACTAAAGGTTGTAAAAAATTGTAAA	
TCTGATAATGATTATTTAAATATTTCTATCTGCTTATA	
ATAATCAAGCCACACTAACTATGGAAAAATGAGCAGCAT	
CAATAAAATAGATAAATTTAACAAAAGTACAGGATTAGA	
ATCTTGTATATAAGATAGCAACAGTGATTGATGATAAT	
GTAACATAATCTATCTTTGTATAATTTCATATTTGGGAA	
TTTGAACCTTTATTGTTTGTATTTTAAGTTTATGTTAT	
GGCAAGTTTCCCTCCCTTTTCTGACTGACACTAAGTCT	
CAGAACAATACAAATATGTAAAAACTCTTTTCACCACAT	
GAATGCATGGGTAGAAAATATCATATTTTAAAACTATG	
AGATGGCAAGAGCACAATGCCCAAATAGAAAGATGCAG	
TTCAAAAAGTCTTTTCATTGGCAGATCTTGGTAGCACTTT	
CATTCAAGTCCCTTTACATAAATAGTATTTGGTAATAC	
ACCAGGATGTAGAAAAGTAAAGAACTGCCCTTCCTC	
AGGCTTCAGTAACTGTAGTCTTGTGAGCATATTGAGGG	
ACTGAATGTTTATAGACAAAAGAAAATACACACTAAAA	
ATGTTAGGACCAAATGCTCTTTGTCTATGGAGTTATAC	
AAAAAAGACTTCTAGAAAATATGTACTTTAATTATTTGT	
TTAAAAGTGTAAAGGGCCTCCATCCCTCTTACTCATTT	
TTAGCACATGCTTTCTACTCTTCGATTATTAGTATTAT	
CTTGGCAATGCACCTTCATACACAATGACTAATCTATAC	
AAGCTTTGTGCAAAATATACATATAAGCAGAGTAAGCC	

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ACACTATAATGCACAAATGGATACTGACATGGATCCTGCCAAC¹⁰

R I D K R G K V K G T Q E M K
GGATCGATAAAAGAGGGCAAAGTAAAAGGGACCCAAGAGATGAA

H N G G E M F V A L N Q K G I
 ACAACGGAGGGGAAATGTTTGTTCCTTAAATCAAAAGGGGAT

AAAA AACTGATCAAGGCTGGACTTGTGCAATTTATGTTTGTTTTAAAG
 ACTGGTTGTACAATCATGATGTTAGTAACAGTAATTTTCTTCTCT
 AAATGGCTGCTATAAATAATAATAATACAGATGTTGTTATATAA
 TTTAAATGCTTTCTAGTGAAAAAATTATTAATCTACTTAACCTCT
 ACATGCTTTATACCTATAAATAAGAACAAAATTTCTAATGCTGCT
 ACTGTACTTTTCATCTTACTTTGCCACAAAATAACATTTTATAAAT
 TATGGCTTTTAAATAATCTTCTTCCCAAAATAATCATGCTTTT
 TTATAAAAAAACCCTTAATAGGCTGTATCTGTTTCATATATGC
 AGCACACAGCACTTTGGGCCAGCAAAATCCTGGAAGCAGACAAAA
 ATTCTTTGCCAATTAAATTGGATCATATAAGTAAAAATCATTACAA
 TATATTTTAAATTTTAGTAATTTTCTAATCTCTAGAAAATCTCTGC
 TTAAGAATAAGGGGCCCTGAATGTGATGAAGGCTTTGAGGTCAG
 ATATGTTTACCAAGATGGGAGGTCAATAATTTTCTTAATTTAAAG
 ATTTATAGATGAGAGGTTTATATGAAATAAGGCTAGGTCACAAAA
 AGATATACTCTTGGGAGAGAGCATGAATGGTATTTCTGAACCTAT
 CAGAGGAGGACTTTAGTTTTTTCATATGTGTTTCTTAGTGCCCTA
 CTAATCTTTCATTTTAAAGGGTAAAAACATGACTATACAGAAAT
 TTCCATCAAAATTTACATAGCAATGCTGAATTTAGGCCAAAACCAAC
 TTTTCTCCTATTTTAAATTTTATTTATGCAAAATTTTAGAAAATA
 GTAGCTTCTAGGAAATTTAGAGATTTTGTATACACTTAAGGTCACGCA
 TAGCTAATGGTCTTTGGCATGTTTTTTGTTTCTTATTTCTGTTG
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FIG. 8

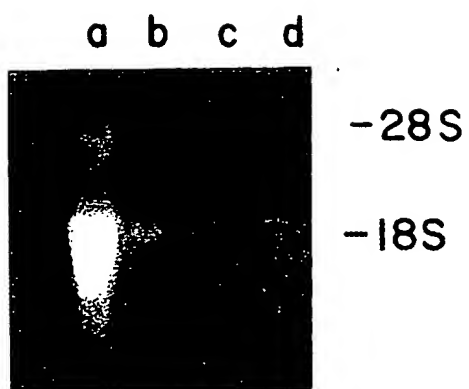


FIG. 9

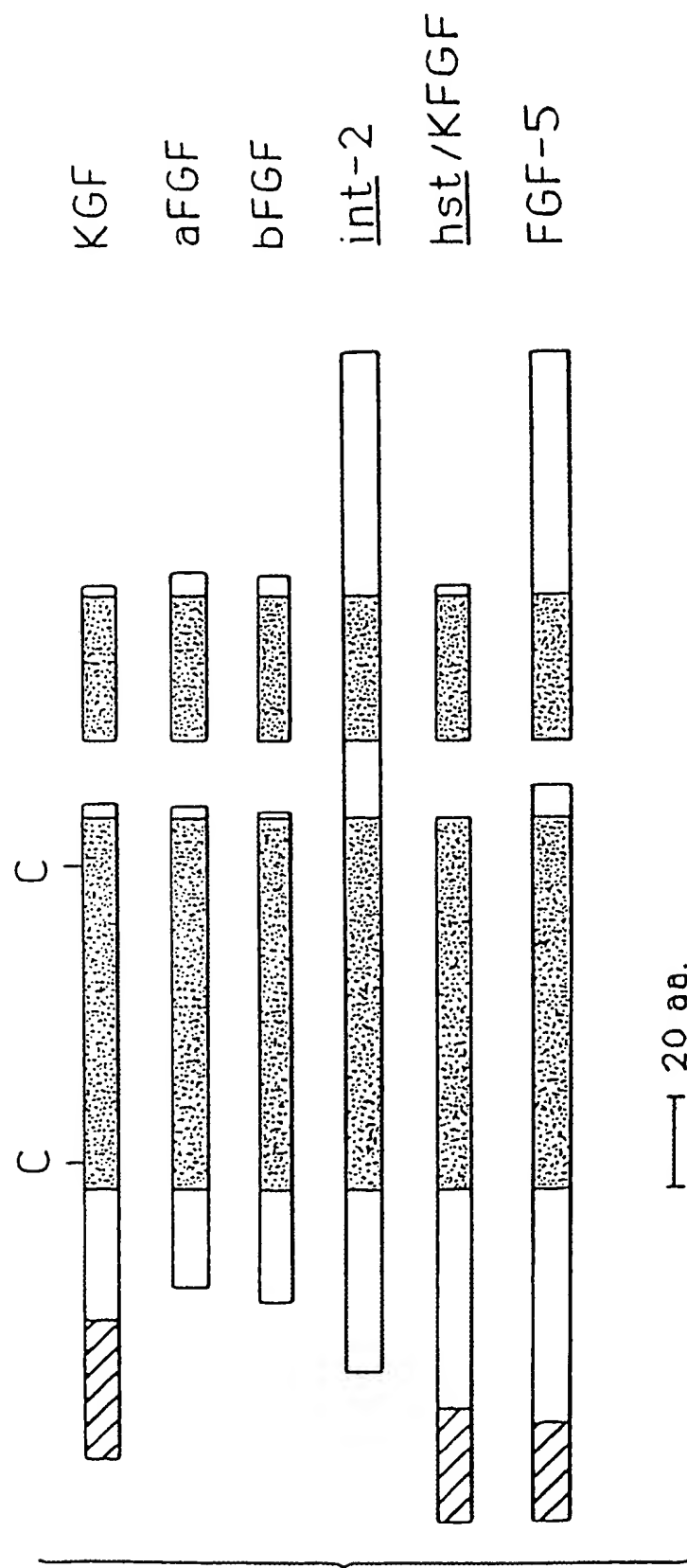


FIG. 10

